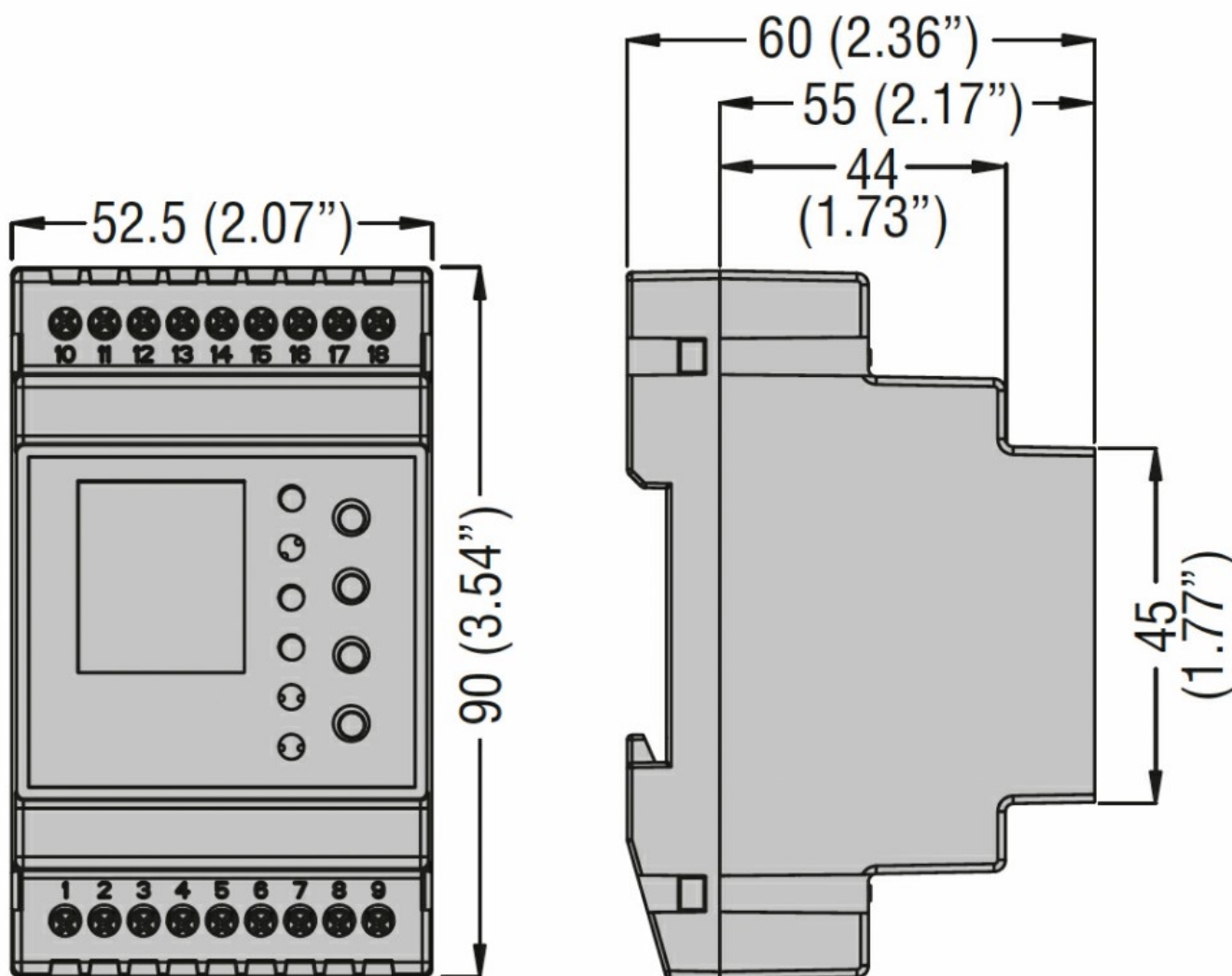




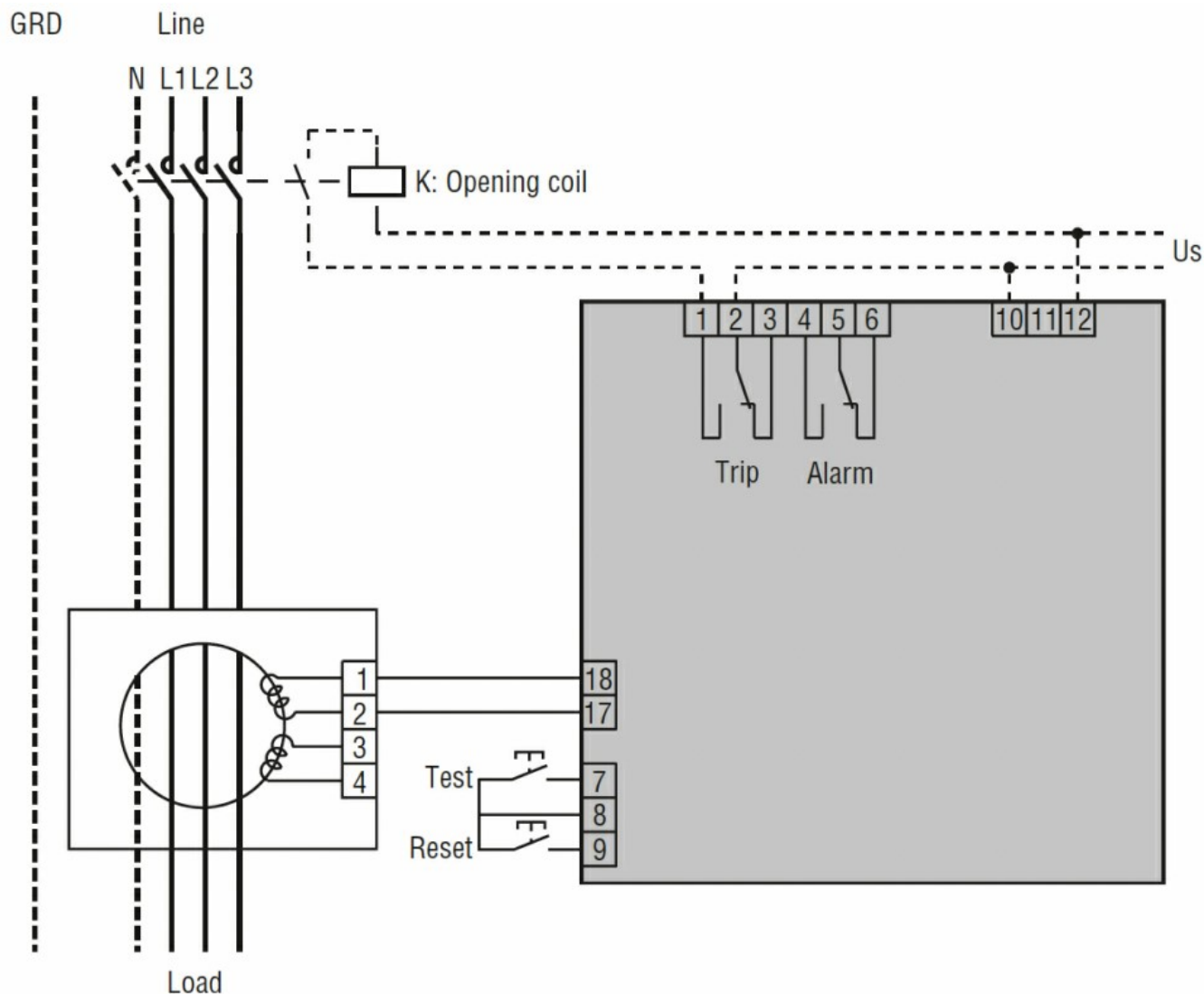
General characteristics

Description				Modular with transparent cover, 2 operating threshold
Residual operation characteristic				Type A
N° of operating threshold				2
Control circuit				
Toroidal transformer				External
Adjustments				
Tripping set-point (IΔn)		(x1)	A	0.03...30
Tripping delay time		(tx1)	s	0.2...10
Resetting				Configurable automatic or manual by button on front or digital input
Test Button				Yes
Shunt circuit control				No
Auxiliary supply				
Auxiliary rated supply voltage Us				90...250VAC or 120...350VDC
Operational limits				90...250VAC or 120...350VDC
Output contacts				2
Rated frequency			Hz	50...60
Power consumption Max			VA	6
Relay outputs				
Relay state				Normally de-energised
Contact arrangement				2 changeover SPDT (trip)
Rated contact capacity IEC Ith				5A - 250VAC
Insulations				
Power frequency withstand voltage			kV	2.5kV for 60s
Indications				
Auxiliary voltage available (ON)				Green LED and green backlight
Relay tripping (TRIP)				Red LED and red backlight
Trip prealarm (ALARM)				Yellow LED and yellow backlight
Connections				

Terminals type			Fixed		
Tightening torque for terminals			max	Nm	0.5
			max	lbin	4.5
Conductor section					
AWG/Kcmil			min		24
			max		12
IEC			min	mm²	0.2
			max	mm²	2.5
Operations					
Mechanical life			cycles	10000000	
Electrical life			cycles	300000	
Ambient conditions					
Temperature					
Operating temperature			min	°C	-10
			max	°C	+60
Storage temperature			min	°C	-20
			max	°C	+80
Relative humidity				%	≤90%
Housing					
Material			Self-extinguishing polycarbonate		
Mounting			35mm DIN rail		
Degree of protection			IP20 terminals		
Dimensions (W x H x D)			mm	52.5x90x60	
Weight			g	200	
Dimensions					



Wiring diagrams



Certifications and compliance

Compliant with standards

EN 60947-2:2017-10 (Annex M)

EN 61

EN 61326-1:2013-01

EN 61326-2-1:2013-01

EN 61326-2-2:2013-01

EN 61326-2-3:2013-01

EN 61326-2-4:2013-01

EN 61326-2-5:2013-01

EN 61543/A11

EN 61543/A2:2006-02

ETIM classification

ETIM 8.0

EC001445 -
Residual current
monitoring relay